

What is claimed is:

1. A hair-care composition comprising from about 0.001% by weight to about 10% by weight of a composition of an anti-microbial oligoaminosaccharide having anti-dandruff activity, said oligoaminosaccharide comprising at least about 80% by weight of oligoaminosaccharides having from 1 to about 50 monomer units.
2. The hair-care composition of Claim 1 further comprising from about 0.5 by weight to about 30% by weight of a composition comprising a surfactant, said surfactant being selected from the group consisting of anionic surfactants, non-ionic surfactants, cationic surfactants, amphoteric surfactants, zwitterionic surfactants, and mixtures thereof.
3. The hair-care composition of Claim 2 wherein said surfactant comprises a mixture of an alkyl sulfate surfactant and an alkyl ether sulfate surfactant in a ratio ranging from about 0.3 by weight to about 0.8 by weight of said alkyl sulfate surfactant to said alkyl ether sulfate surfactant.
4. The hair-care composition of Claim 1 wherein said hair-care composition is an aqueous solution having a pH ranging from about 6 to about 7 at 20°C.
5. The hair-care composition of Claim 1 wherein said oligoaminosaccharide is selected from the group consisting of oligomers of chitosan, chitosan derivatives, and mixtures thereof.
6. The hair-care composition of Claim 5 wherein said oligoaminosaccharide has an average molecular weight ranging from about 300 to about 10,000 and a degree of acetylation of less than about 10%.
7. The hair-care composition of Claim 5 wherein said oligoaminosaccharide comprises at least about 80% by weight of oligoaminosaccharides having from 3 to 12 monomer units and less than about 2% having more than 20 monomer units.

8. The hair-care composition of Claim 5 wherein the Minimum Inhibitory Concentration of said oligoaminosaccharide for *Malassezia furfur* is less than about 20 ppm.
9. The hair-care composition of Claim 1 further comprising a suspension of a particulate heavy metal salt of pyridinethione.
10. The hair-care composition of Claim 1 further comprising Nanochitosan.
11. The hair-care composition of Claim 1 further comprising a hair-conditioning agent.
12. A method for the treatment of hair comprising the step of:
  - applying a hair-care composition to hair;
  - said hair-care composition comprising an anti-microbial oligoaminosaccharide comprising at least about 80% by weight of oligoaminosacharides having from 1 to 50 monomer units; and,
  - wherein said hair-care composition provides anti-dandruff activity.